Release notes for ENDF/B Development n-039_Y_091 evaluation



April 26, 2017

- checkr Warnings:
 - 1. A previous error halted parsing of the current section MAT=3931, MF=1, MT=451 (1): Parsing stopped

ERROR(S) FOUND IN MAT=3931, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 236 TO 326

- checkr Errors:
 - 1. A variable is outside the allowed ENDF range MAT=3931, MF=1, MT=451 (0): Variable range

ERROR(S) FOUND IN MAT=3931, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 236

2. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=2, MT=151 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 328

3. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=1 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 545

4. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=2 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 615

5. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=4 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 681

6. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 703

7. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=17 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 17 SECTION 3/ 17 NOT IN DIRECTORY

RECORD NUMBER 714

8. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 22 SECTION 3/ 22 NOT IN DIRECTORY

RECORD NUMBER 721

9. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 28 SECTION 3/ 28 NOT IN DIRECTORY

RECORD NUMBER 734

10. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 32 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 32 SECTION 3/ 32 NOT IN DIRECTORY

RECORD NUMBER 745

11. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=33 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 33 SECTION 3/ 33 NOT IN DIRECTORY

RECORD NUMBER 753

12. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=51 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 51 SECTION 3/ 51 NOT IN DIRECTORY

RECORD NUMBER 761

13. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=52 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 52 SECTION 3/ 52 NOT IN DIRECTORY

RECORD NUMBER 783

14. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=53 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 53 SECTION 3/ 53 NOT IN DIRECTORY

RECORD NUMBER 804

15. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=54 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 54 SECTION 3/ 54 NOT IN DIRECTORY

RECORD NUMBER 824

16. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 55 SECTION 3/ 55 NOT IN DIRECTORY

RECORD NUMBER 843

17. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 56 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 56 SECTION 3/ 56 NOT IN DIRECTORY

RECORD NUMBER 862

18. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 57 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 57 SECTION 3/ 57 NOT IN DIRECTORY

RECORD NUMBER 880

19. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 58 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 58 SECTION 3/ 58 NOT IN DIRECTORY

RECORD NUMBER 898

20. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=59 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 59 SECTION 3/ 59 NOT IN DIRECTORY

RECORD NUMBER 915

21. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 60 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 60 SECTION 3/ 60 NOT IN DIRECTORY

RECORD NUMBER 932

22. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=61 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 61 SECTION 3/ 61 NOT IN DIRECTORY

RECORD NUMBER 948

23. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=62 (0): Directory (b)

3

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 62 SECTION 3/ 62 NOT IN DIRECTORY

RECORD NUMBER 964

24. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 63 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 63 SECTION 3/ 63 NOT IN DIRECTORY

RECORD NUMBER 979

25. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 64 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 64 SECTION 3/ 64 NOT IN DIRECTORY

RECORD NUMBER 994

26. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 65 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 65 SECTION 3/ 65 NOT IN DIRECTORY

RECORD NUMBER 1009

27. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 66 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 66 SECTION 3/ 66 NOT IN DIRECTORY

RECORD NUMBER 1023

28. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=67 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 67

SECTION 3/ 67 NOT IN DIRECTORY

RECORD NUMBER 1037

29. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 68 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 68 SECTION 3/ 68 NOT IN DIRECTORY

RECORD NUMBER 1051

30. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=69 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 69 SECTION 3/ 69 NOT IN DIRECTORY

RECORD NUMBER 1064

31. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=70 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 70 SECTION 3/ 70 NOT IN DIRECTORY

RECORD NUMBER 1077

32. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 71 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 71 SECTION 3/ 71 NOT IN DIRECTORY

RECORD NUMBER 1090

33. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=72 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 72

SECTION 3/ 72 NOT IN DIRECTORY

RECORD NUMBER 1102

34. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=73 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 73 SECTION 3/ 73 NOT IN DIRECTORY

RECORD NUMBER 1114

35. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=74 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 74 SECTION 3/ 74 NOT IN DIRECTORY

RECORD NUMBER 1126

36. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=75 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 75 SECTION 3/ 75 NOT IN DIRECTORY

RECORD NUMBER 1137

37. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=76 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 76 SECTION 3/ 76 NOT IN DIRECTORY

RECORD NUMBER 1148

38. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=77 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 77 SECTION 3/ 77 NOT IN DIRECTORY

RECORD NUMBER 1158

39. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=78 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 78 SECTION 3/ 78 NOT IN DIRECTORY

RECORD NUMBER 1168

40. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 79 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 79 SECTION 3/ 79 NOT IN DIRECTORY

RECORD NUMBER 1178

41. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT= 91 SECTION 3/ 91 NOT IN DIRECTORY

RECORD NUMBER 1187

42. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 102 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT=102 SECTION 3/102 NOT IN DIRECTORY

RECORD NUMBER 1196

43. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 103 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT=103 SECTION 3/103 NOT IN DIRECTORY

RECORD NUMBER 1225

44. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 104 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT=104 SECTION 3/104 NOT IN DIRECTORY

RECORD NUMBER 1240

45. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 3, MT = 105 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT=105 SECTION 3/105 NOT IN DIRECTORY

RECORD NUMBER 1253

46. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=3, MT=107 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 3, MT=107 SECTION 3/107 NOT IN DIRECTORY

RECORD NUMBER 1265

47. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 2 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 2 SECTION 4/ 2 NOT IN DIRECTORY

RECORD NUMBER 1282

48. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 16 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 16 SECTION 4/ 16 NOT IN DIRECTORY

RECORD NUMBER 1509

49. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 17 SECTION 4/ 17 NOT IN DIRECTORY

RECORD NUMBER 1520

50. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 22 SECTION 4/ 22 NOT IN DIRECTORY

RECORD NUMBER 1531

51. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 28 SECTION 4/ 28 NOT IN DIRECTORY

RECORD NUMBER 1542

52. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=32 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 32 SECTION 4/ 32 NOT IN DIRECTORY

RECORD NUMBER 1553

53. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=33 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 33 SECTION 4/ 33 NOT IN DIRECTORY

RECORD NUMBER 1564

54. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=51 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 51 SECTION 4/ 51 NOT IN DIRECTORY

RECORD NUMBER 1575

55. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=52 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 52 SECTION 4/ 52 NOT IN DIRECTORY

RECORD NUMBER 1600

56. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 53 SECTION 4/ 53 NOT IN DIRECTORY

RECORD NUMBER 1625

57. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 54 SECTION 4/ 54 NOT IN DIRECTORY

RECORD NUMBER 1650

58. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 55 SECTION 4/ 55 NOT IN DIRECTORY

RECORD NUMBER 1673

59. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=56 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 56 SECTION 4/ 56 NOT IN DIRECTORY

RECORD NUMBER 1696

60. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=57 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 57 SECTION 4/ 57 NOT IN DIRECTORY

RECORD NUMBER 1719

61. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=58 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 58 SECTION 4/ 58 NOT IN DIRECTORY

RECORD NUMBER 1742

62. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=59 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 59 SECTION 4/ 59 NOT IN DIRECTORY

RECORD NUMBER 1765

63. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=60 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 60 SECTION 4/ 60 NOT IN DIRECTORY

RECORD NUMBER 1788

64. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 61 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 61 SECTION 4/ 61 NOT IN DIRECTORY

RECORD NUMBER 1811

65. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 62 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 62 SECTION 4/ 62 NOT IN DIRECTORY

RECORD NUMBER 1834

66. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 63 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 63 SECTION 4/ 63 NOT IN DIRECTORY

RECORD NUMBER 1857

67. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 64 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 64 SECTION 4/ 64 NOT IN DIRECTORY

RECORD NUMBER 1880

68. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=65 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 65

SECTION 4/65 NOT IN DIRECTORY

RECORD NUMBER 1903

69. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 66 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 66 SECTION 4/ 66 NOT IN DIRECTORY

RECORD NUMBER 1926

70. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=67 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 67 SECTION 4/ 67 NOT IN DIRECTORY

RECORD NUMBER 1949

71. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=4, MT=68 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 68 SECTION 4/ 68 NOT IN DIRECTORY

RECORD NUMBER

72. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 69 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 69 SECTION 4/69 NOT IN DIRECTORY

RECORD NUMBER 1995

73. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 70 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 70 SECTION 4/ 70 NOT IN DIRECTORY

RECORD NUMBER 2018

74. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 71 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 71 SECTION 4/71 NOT IN DIRECTORY

RECORD NUMBER 2041

75. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 72 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 72 SECTION 4/ 72 NOT IN DIRECTORY

RECORD NUMBER 2064

76. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 3931, MF = 4, MT = 73 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 73 SECTION 4/ 73 NOT IN DIRECTORY

RECORD NUMBER

2087

77. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 74 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 74 SECTION 4/ 74 NOT IN DIRECTORY

RECORD NUMBER 2110

78. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 3931, MF = 4, MT = 75 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 75

SECTION 4/ 75 NOT IN DIRECTORY

RECORD NUMBER 2133

79. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 76 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 76 SECTION 4/ 76 NOT IN DIRECTORY

RECORD NUMBER 2156

80. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 77 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 77 SECTION 4/ 77 NOT IN DIRECTORY

RECORD NUMBER 2179

81. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 78 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 78 SECTION 4/ 78 NOT IN DIRECTORY

RECORD NUMBER 2202

82. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 79 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 79 SECTION 4/ 79 NOT IN DIRECTORY

RECORD NUMBER 2225

83. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 4, MT = 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 4, MT= 91 SECTION 4/ 91 NOT IN DIRECTORY

RECORD NUMBER 2248

84. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=5, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 16 SECTION 5/ 16 NOT IN DIRECTORY

RECORD NUMBER 2272

85. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=5, MT=17 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 17 SECTION 5/ 17 NOT IN DIRECTORY

RECORD NUMBER 2326

86. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=5, MT=22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 22 SECTION 5/ 22 NOT IN DIRECTORY

RECORD NUMBER 2359

87. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3931, MF=5, MT=28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 28 SECTION 5/ 28 NOT IN DIRECTORY

RECORD NUMBER 2523

88. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 5, MT = 32 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 32 SECTION 5/ 32 NOT IN DIRECTORY

RECORD NUMBER 2618

89. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3931, MF = 5, MT = 33 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 33 SECTION 5/ 33 NOT IN DIRECTORY

RECORD NUMBER 2668

90. Missing a section in directory so your directory is messed up. This error will break ev-

MAT = 3931, MF = 5, MT = 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=3931, MF= 5, MT= 91 SECTION 5/ 91 NOT IN DIRECTORY

RECORD NUMBER 2714

- recent Warnings:
 - 1. Fission widths given for non-fissile nucleus, but are zero 0: Fission?

Calculate Cross Sections from Resonance Parameters (RECENT 2015-1)

Retrieval Criteria-----MAT File 2 Mimimum Cross Section- 1.0000E-10 (Standard Option) Reactions with No Background-Output (Resonance Contribution) ... [427 more lines]

- fudge-4.0 Warnings:
 - 1. Cross section does not match sum of linked reaction cross sections crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.79%

- fudge-4.0 Errors:
 - 1. Calculated and tabulated Q values disagree. reaction label 31: $n[multiplicity:'2'] + \Breve{Y}90 \ (Error \# 0): Q \ mismatch$

WARNING: Calculated and tabulated Q-values disagree: -7898268.238388062 eV vs -7944890. eV!

2. Calculated and tabulated Q values disagree. reaction label 32: $n[multiplicity:'3'] + \normalfont{Y}89 \ (Error \# 0): Q \ mismatch$

WARNING: Calculated and tabulated Q-values disagree: -14755298.41165161 eV vs -1.48064e7 eV!

3. Calculated and tabulated Q values disagree. reaction label 33: n + H1 + Sr90 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7661778.974136353 eV vs -7708430. eV!

4. Calculated and tabulated Q values disagree. reaction label 34: n + H2 + Sr89 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13240993.10295105 eV vs -1.32061e7 eV!

5. Calculated and tabulated Q values disagree. reaction label 35: n + H3 + Sr88 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13342478.2802124 eV vs -1.33895e7 eV!

6. Calculated and tabulated Q values disagree. reaction label 36: Y92 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6570232.424118042 eV vs 6543890. eV!

7. Calculated and tabulated Q values disagree. reaction label 37: n + He4 + Rb87 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -4141532.635940552 eV vs -4175690. eV!

8. Calculated and tabulated Q values disagree. reaction label 38: H1 + Sr91_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1886787.18977356 eV vs -1901030. eV!

9. Calculated and tabulated Q values disagree. reaction label 39: H2 + Sr90_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -5437212.873199463 eV vs -5398310. eV!

10. Calculated and tabulated Q values disagree. reaction label 40: H3 + Sr89-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6983760.162338257 eV vs -7020970. eV!

11. Calculated and tabulated Q values disagree. reaction label 41: He4 + Rb88-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1940987.250579834 eV vs 1906710. eV!

• njoy2012 Warnings:

1. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

groupr...compute self-shielded group-averaged cross-sections (0): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 16 only mf4/mf5 provided

- 2. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (1): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 17 only mf4/mf5 provided
- 3. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (2): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 22 only mf4/mf5 provided
- 4. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (3): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 28 only mf4/mf5 provided
- 5. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (4): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 32 only mf4/mf5 provided
- 6. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (5): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 33 only mf4/mf5 provided
- 7. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (6): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 91 only mf4/mf5 provided